Town Of Princeton
Public Safety Complex
Budget Summary

	Option A	Option B	Option C
TOTAL CONSTRUCTION COSTS			
Building & Site Construction Cost	10,792,727.00	9,694,888.00	10,580,118.00
Included in the Construction Cost			
Design Contingency: 10%			
Hazardous Material: $125,000			
Building Demo: $90,000			
Escalation: 3.5% to Spring 2022			
Ledge Removal Allowance	50,000.00	50,000.00	50,000.00
SOFT COSTS			
Professional Fees (12%)	1,295,127.24	1,163,386.56	1,269,614.16
Legal/Permitting			
Architecture & Engineering			
Owners' Project Manager			
Hazardous Material Monitoring & Testing			
Furniture & Fixtures (FF&E)	323,781.81	290,846.64	317,403.54
3% of Construction Cost			
Communication / Data	150,000.00	150,000.00	150,000.00
Server, Telephone, IT equipment			
Antennas & Radio Equipment			
Utility Fees	40,000.00	40,000.00	40,000.00
Electrical, Telephone, Data/Cable			
Construction Services	35,000.00	35,000.00	35,000.00
Construction Testing, GeoTech			
Soft Costs	50,000.00	50,000.00	50,000.00
Moving			
Advertising & Bidding			
Construction Contingency: New Building (3%)	325,281.81	292,346.64	
Construction Contingency: Renovations (5%)			531,505.90
Total Project Cost	***$13,061,917.86***	***$11,766,467.84***	***$13,023,641.60***
Concept Plan Square Footage	19,279	15,509	18,476
Total Construction Cost	**$10,792,727.00**	**$9,694,888.00**	**$10,580,118.00**

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"Construction Cost Consultants"

Princeton Public Safe Building
Princeton, MA

January 11, 2021

GRAND SUMMARY

Option A

BUILDING AND SITEWORK				$8,147,612
HAZARDOUS MATERIALS ABATEMENT				$125,000
BUILDING DEMO	12,000	GSF	$7.50	$90,000

	TOTAL DIRECT COST			$8,362,612
GENERAL CONDITIONS (12 months)		6%		$501,757
GENERAL ADMINISTRATIVE O&P		5%		$443,218
P&P BOND AND INSURANCE		1.85%		$172,190
PERMIT	VAIVEI	0%		$0
DESIGN CONTINGENCY		10%		$947,978
ESCALATION (spring 2022)		3.5%		$364,971

	TOTAL CONSTRUCTION COST			$10,792,727
	COST PER SF			$577.15

Option B

BUILDING AND SITEWORK				$7,296,965
HAZARDOUS MATERIALS ABATEMENT				$125,000
BUILDING DEMO	12,000	GSF	$7.50	$90,000

	TOTAL DIRECT COST			$7,511,965
GENERAL CONDITIONS (12 months)		6%		$450,718
GENERAL ADMINISTRATIVE O&P		5%		$398,134
P&P BOND AND INSURANCE		1.85%		$154,675
PERMIT	VAIVEI	0%		$0
DESIGN CONTINGENCY		10%		$851,549
ESCALATION (spring 2022)		3.5%		$327,846

	TOTAL CONSTRUCTION COST			$9,694,888
	COST PER SF			$625.48

Option C

ADDITION	11,100	**GSF**	$375.00	$4,162,500
4 STOP ELEVATOR ADDITION	1	**LS**		$450,000
RENOVATION	7,375	**GSF**	$235.00	$1,733,125
FREE STANDING BLDG	1,200	**GSF**	$200.00	$240,000
SITEWORK				$1,441,000
HAZARDOUS MATERIALS ABATEMENT				$125,000
BUILDING DEMO	4,625	GSF	$10.00	$46,250

	TOTAL DIRECT COST			$8,197,875
GENERAL CONDITIONS (12 months)		6%		$491,873
GENERAL ADMINISTRATIVE O&P		5%		$434,487
P&P BOND AND INSURANCE		1.85%		$168,798
PERMIT	VAIVEI	0%		$0
DESIGN CONTINGENCY		10%		$929,303
ESCALATION (spring 2022)		3.5%		$357,782

	TOTAL CONSTRUCTION COST			$10,580,118
	COST PER SF			$572.67

PROJECT:	Princeton Public Safe Building	NO. OF SQ. FT.:	18,700
LOCATION:	Princeton, MA	COST PER SQ. FT.:	435.70
CLIENT:	Caolo & Bieniek Asssociates, Inc.	*GSF Excludes mezzanine 1,200 GSF	
DATE:	11-Jan-21		

No. 19072

OPTION A

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
DIVISION 02 - EXISTING CONDITIONS			
022820 HAZARDOUS MATERIAL REMEDIATION	0	0%	0.00
024116 DEMOLITION	0	0%	0.00
DIVISION 03 - CONCRETE			
033000 CAST IN PLACE CONCRETE	366,908	5%	19.62
DIVISION 04 - MASONRY			
042000 UNIT MASONRY*	385,197	5%	20.60
DIVISION 05 - METALS			
051200 STRUCTURAL STEEL	61,500	1%	3.29
053000 METAL DECKING	0	0%	0.00
054100 EXTERIOR METAL FRAMING & SHEATHING	0	0%	0.00
055000 METAL FABRICATIONS	98,146	1%	5.25
DIVISION 06 - WOOD, PLASTICS & COMPOSITES			
061000 ROUGH CARPENTRY	601,846	7%	32.18
062000 FINISH CARPENTRY	81,612	1%	4.36
DIVISION 07 - THERMAL & MOISTURE PROTECTION			
071001 DAMPPROOF., WATERPROOF. & SEALANT*	293,737	4%	15.71
070002 ROOFING & FLASHING*	224,854	3%	12.02
072100 THERMAL INSULATION	265,586	3%	14.20
074213 EXT SIDING & TRIM	257,655	3%	13.78
078400 FIRESTOPPING	2,000	0%	0.11
DIVISION 08 - OPENINGS			
080008 GLASS AND GLAZING*	28,650	0%	1.53
082500 DOOR OPENING ASSEMBLIES	106,945	1%	5.72
083100 ACCESS DOORS AND PANELS	4,500	0%	0.24
083613 SECTIONAL OVERHEAD DOORS	118,200	1%	6.32
085414 WINDOWS	65,472	1%	3.50
087100 DOOR HARDWARE	0	0%	0.00
089000 ARCHITECTURAL LOUVERS & VENTS	1,100	0%	0.06

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
DIVISION 09 - FINISHES			
090003 TILING, CERAMIC & STONE *	68,326	1%	3.65
090006 RESILIENT FLOORING*	70,341	1%	3.76
090009 PAINTING*	135,451	2%	7.24
092900 GYPSUM WALLBOARD ASSEMBLIES	522,194	6%	27.92
095100 ACOUSTICAL CEILING SYSTEMS*	46,664	1%	2.50
096723 SEAMLESS EPOXY FLOORING	12,456	0%	0.67
096810 CARPET TILE	5,260	0%	0.28
DIVISION 10 - SPECIALTIES			
101100 VISUAL DISPLAY SURFACES	2,500	0%	0.13
101400 SIGNAGE	23,075	0%	1.23
102800 TOILET ACCESSORIES	21,565	0%	1.15
104400 SAFETY SPECIALTIES	4,200	0%	0.22
109000 MISC. SPECIALTIES	128,100	2%	6.85
DIVISION 11 - EQUIPMENT			
119000 MISC. EQUIPMENT	95,900	1%	5.13
DIVISION 12 - FURNISHINGS			
122400 INTERIOR ROLLER SHADES	11,042	0%	0.59
DIVISION 13 - SPECIAL CONSTRUCTION			
DIVISION 13 - SPECIAL CONSTRUCTION	0	0%	0.00
DIVISION 14 - CONVEYING EQUIPMENT			
142000 ELEVATOR*	0	0%	0.00
DIVISION 21 - FIRE SUPPRESSION			
210000 FIRE PROTECTION*	255,748	3%	13.68
DIVISION 22 - PLUMBING			
220000 PLUMBING*	430,571	5%	23.03
DIVISION 23 - HVAC			
230000 HVAC*	882,000	11%	47.17
DIVISION 26 - ELECTRICAL			
260000 ELECTRICAL	1,022,595	13%	54.68
DIVISION 31 - EARTHWORK			
310000 EARTHWORK	261,554	3%	13.99
311000 SITE CLEARING	131,706	2%	7.04

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
DIVISION 32 - EXTERIOR IMPROVEMENTS			
321000 PAVING SIDEWALKS AND CURBING	280,802	3%	15.02
323000 SITE IMPROVEMENTS	53,300	1%	2.85
328000 IRRIGATION	0	0%	0.00
329000 LANDSCAPING WORK	65,847	1%	3.52
DIVISION 33 - UTILITIES			
330000 UTILITIES	652,508	8%	34.89

DIRECT COST	8,147,612	100%	435.70

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 02 - EXISTING CONDITIONS				
022820 HAZARDOUS MATERIAL REMEDIATIONSEE GRAND SUMMARY				

				0
024116 DEMOLITION		N/A		

				0
DIVISION 03 - CONCRETE				
033000 CAST IN PLACE CONCRETE				
Ext Wall Footing (2'-6" x 1' -688 lf):				
3,500 psi, NW, (incl. placement)	64	CY	195.00	12,480
Formwork	1,376	SFCA	6.50	8,944
Rebar	3,200	LBS	1.18	3,776
**unit cost $393.75*				
Ext Frost Wall (16" x 4'H x 685 lf):				
3,500 psi, NW, (incl. placement)	135	CY	205.00	27,675
Formwork	5,480	SFCA	13.00	71,240
Reinforcing steel	20,250	LBS	1.18	23,895
**unit cost $909.70*				
Allow:				
Pier/Pilaster	14	CY	950.00	13,300
4" Slab on Grade -STA :				
3,500 psi, NW, (incl. placement)	178	CY	210.00	37,333
6x6 W2.9 X W2.9	14,440	SF	1.48	21,371
Barrier One Admix		NIC		
Control Joint	963	LF	3.80	3,658
Trowel Finish	14,440	SF	2.05	29,602
Slab vapor barrier 15 mil - 100%	14,440	SF	0.85	12,274
*unit cost $7.22				
8" Slab on grade - apparatus bays:				
3,500 psi, NW, (incl. placement)	119	CY	210.00	24,956
6x6 W2.9 X W2.9 -top	4,813	SF	1.48	7,123

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Reinforcing steel - 1.4 lbs/sf	6,738	LBS	1.18	7,951
Control Joint	321	LF	3.80	1,219
Trowel Finish	4,813	SF	2.05	9,867
Slab vapor barrier 15 mil - 100%	4,813	SF	0.85	4,091
*unit cost $11.47				
Form trench drain	120	LF	38.00	4,560
CMU/Bearing Footing	84	CY	285.00	23,940
Conc slab sealer w/ Hardener:				
App & support rm	4,813	SF	1.55	7,460
Mech and Salleyport	2,785	SF	1.55	4,317
Int. mech equip pads	1	LS	4,000.00	4,000
Canopy pier - 4'D	3	EA	625.00	1,875
Ext. apron slab		w/Site Paving		

				366,908

DIVISION 04 - MASONRY

042000 UNIT MASONRY*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
8" CMU Exterior Wall :				
Apparatus Rm	2,868	SF	32.00	91,776
Gable Ends	3,766	SF	32.00	120,499
Exterior:				
Stone Watertable Veneer	294	SF	65.00	19,110
Interior:				
8" CMU Appartus - 10'	1,877	SF	28.00	52,556
8" CMU - Detention 14'	1,948	SF	32.00	62,336
8"CMU Garage	1,390	SF	28.00	38,920

				385,197

DIVISION 05 - METALS

051200 STRUCTURAL STEEL

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Apparatus Bay steel Frame (6 lbs/sf @5,000 sf)	15	TONS	4,100.00	61,500

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL

				61,500
053000 METAL DECKING				

				0
054100 EXTERIOR METAL FRAMING & SHEATHING				

				0
055000 METAL FABRICATIONS				
Storage mezz rail	68	LF	200.00	13,600
OH door frames surround- plate	10	EA	2,500.00	25,000
Slab edge angle @ OH	104	LF	48.00	4,992
Angle clip @ CMU partitions	120	EA	135.00	16,200
Loose lintels	64	LF	36.00	2,304
Decon stainless steel surf ctr/table	10	LF	400.00	4,000
SS surround @ Decon shower	1	EA	4,000.00	4,000
Misc. bldg. metals	18,700	GSF	1.50	28,050

				98,146
DIVISION 06 - WOOD, PLASTICS & COMPOSITES				
061000 ROUGH CARPENTRY				
Exterior Wall:				
2" x 6" Ext Wall	6,136	SF	5.25	32,212
Strap CMU Back-up	12,769	SF	2.35	30,008
3/4" Plywood	12,769	SF	2.15	27,454
Dormer:				
Dormer Frame	960	SF	8.50	8,160
Dormer Roof	806	SF	12.00	9,677
Dormer Eave Frame	281	LF	6.50	1,825

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Mezzanine Floor :				
11 7/8" tji 16" oc	1,200	SF	18.00	21,600
3/4" t&g subfloor	1,200	SF	3.00	3,600
WD Sloped Roof Framing & Ply Decking:				
Sloped roof framing	21,600	SF	16.00	345,600
Sloped over roof framing	1,800	SF	9.00	16,200
Sloped roof deck 5/8" ply	21,600	SF	2.90	62,640
Fascia w/ soffit frame & BLK	554	LF	20.00	11,088
Rake w/soffit frame & BLK	362	LF	20.00	7,248
13'H Covered entry post	3	EA	250.00	750
Ext ceiling frame (1 loc)	559	SF	6.50	3,635
Ext wall -Blk perim wind, dr & louver	1,116	LF	4.65	5,189
Interior blocking	18,700	GSF	0.30	5,610
Misc. rough carpentry	18,700	GSF	0.50	9,350

				601,846
062000 FINISH CARPENTRY				
Running Trim:				
PVC Window sill/apron	89	LF	40.00	3,552
Misc. STA Interior Wd Trim	18,700	GSF	1.00	18,700
Casework:				
Kitchen:				
25" Typ Solid Surface Counter	9	LF	225.00	2,025
Base cab (nic ctr)	9	LF	250.00	2,250
Wall cab	9	LF	210.00	1,890
Island Cabinet and Counter	1	LS	10,000.00	10,000
Administration:				
FD Chief/Deputy - PL Counter	19	LF	225.00	4,275
FD Chief/Deputy - Shelving	19	LF	45.00	855
FD Admin - PL Counter	17	LF	225.00	3,825
FD Admin - Shelving	17	LF	45.00	765
PD Admin - PL Counter	22	LF	225.00	4,950
PD Admin - Shelving	22	LF	45.00	990
PD Patrol/report - PL Counter	32	LF	225.00	7,200
PD Patrol/Report - Shelving	20	LF	45.00	900
Copy Base and Counter	8	LF	375.00	3,000
Copy Wall Cabinet	8	LF	210.00	1,680

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Booking:				
Stainless steel Countertop	11	LF	325.00	3,575
Base cab (NIC ctr)	11	LF	350.00	3,850
Misc Casework - Allowance:				
Solid surface bathroom counter	22	LF	265.00	5,830
Lobby/ office service ctr	5	LF	300.00	1,500
Lobby display case		NIC		
Training room		NIC		
Decon stainless steel surf ctr/table		W/Misc Metals		
App Equip storage shelving		NIC		
STA Storage closet shelving		NIC		
*Training room desk, podium , dorm and office furniture - NIC				

				81,612

DIVISION 07 - THERMAL & MOISTURE PROTECTION

071001 DAMPPROOF., WATERPROOF. & SEALANT*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
*Continuous Air & Vapor Barrier				
Foundation		NIC		
Slab on grade		w/ concrete		
Exterior Wall	12,553	SF	7.50	94,149
Ext wall air & vapor barrier - perim open	1,116	LF	7.25	8,091
Sloped Roof	21,600	SF	7.50	162,000
Found. Dampproofing	2,740	SF	2.00	5,480
Ext wind, dr & louver sealant	1,116	LF	9.50	10,602
Misc. exterior sealants	1	LS	5,000.00	5,000
Int joint sealants	18,700	GSF	0.45	8,415

				293,737

070002 ROOFING & FLASHING*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Sloped Roof System:				
Asphalt fiberglass shingle	21,600	SF	6.75	145,800
Ridge vent	382	LF	18.00	6,869
Ice & water - eave and valley	6,408	SF	3.70	23,710
Gutter	554	LF	48.00	26,611
Downspout	276	LF	39.00	10,764

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Snow guard	100	LF	45.00	4,500
Dormer Flashing	4	EA	400.00	1,600
Misc sloped roof flashing	1	LS	5,000.00	5,000

				224,854
072100 THERMAL INSULATION				
2" Rigid slab insul. 2' @ perim GF	1,370	SF	3.50	4,795
2" Rigid found insul.- 4' int wall	2,740	SF	2.65	7,261
4" rock wool ext wall insul	12,553	SF	3.85	48,330
Spray fireproofing		NIC		
6" Vented Sloped Roof insul & nail base	21,600	SF	9.50	205,200
Flat Roof insul		W /ROOFING		

				265,586
074213 EXT SIDING & TRIM				
Prefinished Siding:				
Hardi plank siding	10,588	SF	15.00	158,814
Vertical board & batten siding	78	SF	22.00	1,716
Air Cavity Clips	10,588	SF	1.50	15,881
PCV Trim:				
Sill trim	432	LF	13.75	5,940
OH Dr trim (7 EA)	371	LF	11.50	4,264
Corner board	437	LF	9.75	4,259
Fascia and Soffit	554	LF	18.75	10,395
Rake and Soffit brd	362	LF	22.00	7,973
Dr trim	217	LF	12.00	2,606
Decorative Window head	103	LF	32.00	3,302
Window trim	426	LF	11.00	4,686
Clad post - 13'H	3	EA	650.00	1,950
Ceiling panel	559	SF	15.00	8,388
Window Shutter	17	PR	95.00	1,615
Dormer Trim:				
Corner Board	196	LF	12.00	2,347
Fascia and soffit	181	LF	20.00	3,624
Rake and Soffit	100	LF	22.00	2,191
Window Trim	143	LF	8.00	1,142

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Siding	828	SF	20.00	16,560

				257,655
078400 FIRESTOPPING				
Fire stopping	1	LS	2,000.00	2,000

				2,000
DIVISION 08 - OPENINGS				
080008 GLASS AND GLAZING*				
7' Ext. Alum. Door, Frame, Hdw, Glass & Glazing:				
Main Entry - dbl	1	PR	8,000.00	8,000
Vestibule - dbl	1	PR	7,700.00	7,700
Alum Door Transom	16	SF	100.00	1,600
Int. Alum. Storefront Frame, Glass & Glazing:				
Allowance	50	SF	97.00	4,850
Allow:				
Main Entrance -Auto opener	1	EA	6,500.00	6,500

				28,650
082500 DOOR OPENING ASSEMBLIES				
7'h Fiberglass Exterior Frame, Door, Glass, Glazing & HDW:				
Mech rm- sgl	1	EA	1,150.00	1,150
Bldg Maintance - sgl	1	EA	1,250.00	1,250
Police and Fire Entry - sgl	1	EA	3,000.00	3,000
Day rm - sgl	1	EA	2,200.00	2,200
Training rm - sgl	1	EA	1,600.00	1,600
Apparatus - sgl	1	EA	1,400.00	1,400
7'h Interior APP Support HM Frame, Door, Glass, Glazing & HDW:				
Apparatus - sgl	3	EA	1,400.00	4,200
Detention - sgl	7	EA	2,200.00	15,400
Police Entry - sgl	2	EA	2,200.00	4,400

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Mech/elec - sgl	7	EA	1,025.00	7,175
7'h Interior STA HM Frame, Door, Glass, Glazing & HDW:				
Lobby Corridor- sgl	4	EA	2,000.00	8,000
Kitchen / Dayroom - sgl	1	EA	1,500.00	1,500
Training rm - dbl	1	EA	2,500.00	2,500
Admin/General - sgl	27	EA	1,500.00	40,500
Sgl user toilet rm	2	EA	1,100.00	2,200
Storage - sgl	5	EA	1,050.00	5,250
Interior HM Frames, Glass & Glazing:				
Allow- Lobby sliding window (1EA)	12	SF	87.00	1,044
Admin window (3 EA)	36	SF	87.00	3,132
Kitchen / Dayroom sidelight (1 EA)	12	SF	87.00	1,044

				106,945
083100 ACCESS DOORS AND PANELS				
Access panels -allow	10	EA	450.00	4,500

				4,500
083613 SECTIONAL OVERHEAD DOORS				
O.H. Door (Elec. Op):				
Glazed 14 x 14	6	EA	14,500.00	87,000
Steel 10 x 10	4	EA	7,800.00	31,200

				118,200
085414 WINDOWS				
Alum Clad Wood Window	744	SF	88.00	65,472

				65,472

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
087100 DOOR HARDWARE				
*Finish Hardware, Card access system, auto openers, OH doors and alum entry hardware are included with Unit cos				

				0
089000 ARCHITECTURAL LOUVERS & VENTS				
Alum louver - allow	10	SF	110.00	1,100

				1,100
DIVISION 09 - FINISHES				
090003 TILING, CERAMIC & STONE *				
Staff Sgl User Toilet Room (4 EA):				
Typ Ceramic floor tile	462	SF	30.00	13,860
Ceramic wall base	160	LF	10.00	1,600
SGL Marble threshold	4	EA	95.00	380
3'H Ceramic wall tile	480	SF	28.00	13,440
Locker Room Toilet /SHW Room (2 EA):				
Ceramic floor tile	369	SF	30.00	11,070
Ceramic wall base	131	LF	10.00	1,310
SGL Marble threshold	2	EA	95.00	190
7'H Ceramic wall tile	917	SF	28.00	25,676
Kitchen backslpash	20	SF	40.00	800

				68,326
090006 RESILIENT FLOORING*				
LVT:				
Day Rm / Kitchen	379	SF	6.50	2,464
Corridor	2,764	SF	6.50	17,966
Bunk Rm	383	SF	6.50	2,490
Administration	2,912	SF	6.50	18,928

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Athletic Flooring:				
Fitness Room	879	SF	16.00	14,064
Rubber Flooring:				
Locker Room	563	SF	15.00	8,445
Rubber wall base	2,100	LF	2.85	5,985

				70,341
090009 PAINTING*				
Int. painting	18,700	GSF	4.25	79,475
*Excludes attic painting				
Exterior Painting (2) Coat field painted:				
Siding (2 coat)	11,494	SF	2.90	33,331
PVC trim	4,740	SF	4.25	20,145
Misc. exterior painting	1	LS	2,500.00	2,500

				135,451
092900 GYPSUM WALLBOARD ASSEMBLIES				
Furr and Gyp at CMU - allow	5,000	SF	9.00	45,000
Partitions -Allow:				
Typical	20,735	SF	10.50	217,718
Chase GWB - one side	815	SF	10.00	8,150
Ceiling:				
Typ gyp ceiling - allow	3,000	SF	12.00	36,000
2 Hr. gyp ceiling	1,538	SF	15.00	23,070
MR gyp ceiling -toilet rm	850	SF	12.00	10,200
MR gyp ceiling -mezzanine	1,149	SF	12.00	13,788
MR gyp ceiling -Apparatus	4,984	SF	12.00	59,808
1 lyr Fir tap at Roof truss	18,700	SF	4.80	89,760
Misc GWB assemblies	18,700	GSF	1.00	18,700
*GWB includes sound attenuation, tape and joint compound finish				

				522,194

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
095100 ACOUSTICAL CEILING SYSTEMS*				
ACT - 2x2 75%	7,179	SF	6.50	46,664

				46,664
096723 SEAMLESS EPOXY FLOORING				
Booking and Cell	692	SF	18.00	12,456

				12,456
096810 CARPET TILE				
Carpet Tile:				
EOC Training	1,052	SF	5.00	5,260

				5,260
DIVISION 10 - SPECIALTIES				
101100 VISUAL DISPLAY SURFACES				
Bulletin bd w/ pamphlet rack-lobby	1	EA	1,000.00	1,000
White board -training rm	2	EA	750.00	1,500

				2,500
101400 SIGNAGE				
Interior door signage	59	EA	125.00	7,375
Dedication plaque	1	EA	3,200.00	3,200
Ext. bld mtd sign	1	LOC	2,500.00	2,500
Site sign	1	EA	10,000.00	10,000

				23,075

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
102800 TOILET ACCESSORIES				
Toilet Partition:				
HC Stall	4	EA	1,650.00	6,600
Reg Stall	2	EA	1,410.00	2,820
Furnish & Install:				
Paper towel dispenser/disposal	6	EA	225.00	1,350
Toilet tissue dispenser	8	EA	35.00	280
Toilet grab bars	12	EA	75.00	900
Soap dispenser	6	EA	45.00	270
Framed mirror	95	SF	75.00	7,125
STD shower accessories	3	EA	500.00	1,500
Coat hook	8	EA	15.00	120
SS Mop sink splash	2	EA	200.00	400
Janitor accessories	2	RM	100.00	200

				21,565
104400 SAFETY SPECIALTIES				
Allow:				
Fire extinguishers & cab	6	EA	450.00	2,700
Fire extinguishers & bracket	2	EA	275.00	550
AED cab	1	EA	950.00	950

				4,200
109000 MISC. SPECIALTIES				
Built-in mail box	1	LS	3,000.00	3,000
Dorm wardrobe locker	9	EA	2,200.00	19,800
Misc specialties	1	LS	3,000.00	3,000
105000 STORAGE SPECIALTIES				
Police locker rm w/ attached bench -36"	26	EA	2,000.00	52,000
Police locker	20	EA	1,750.00	35,000
Dispatch rm 18" x 24" x 84"	1	EA	300.00	300
Detention locker dbl tier 12"x24"x96"	2	EA	1,500.00	3,000
Garage gear storage unit 36"		W / FF & E		
Pass thru evidence lockers	2	EA	2,500.00	5,000
Refrigerated pass thru evidence lockers	1	EA	5,000.00	5,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Lobby package receiver	1	EA	2,000.00	2,000

				128,100
DIVISION 11 - EQUIPMENT				
119000 MISC. EQUIPMENT				
Kitchen/Day Room Appliance :				
Refrigerator w/ icemaker	1	EA	3,000.00	3,000
42" Range	1	EA	4,000.00	4,000
42" SS range hood	1	EA	850.00	850
Dishwasher	1	EA	1,500.00	1,500
Disposal	1	EA	300.00	300
Laundry Closet Appliance :				
Washer	1	EA	1,500.00	1,500
Dryer	1	EA	1,500.00	1,500
Training rm:				
Motor op projection screen	1	EA	6,500.00	6,500
Projection mount	1	EA	450.00	450
AV equipment		NIC		
Firematic App. Room Equipment :				
Extractor	1	EA	5,000.00	5,000
Dehydrator	1	EA	5,000.00	5,000
Turn out gear grid locker	22	EA	1,875.00	41,250
Tower hose storage & drying racks		NIC		
SCBA equipment		NIC		
Work rm equipment		NIC		
Detention Equipment-Allow:				
Swinging Intake rm cell dr. assembly		W/082500		
Swinging cell dr. assembly	2	EA	10,900.00	21,800
Window - Intake/booking		N/A		
Stainless sty deal tray - lobby	1	EA	1,500.00	1,500
Weapons discharge station (119700)	1	EA	950.00	950
Pistol locker (105000)	1	EA	800.00	800

				95,900

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 12 - FURNISHINGS				
122400 INTERIOR ROLLER SHADES				
Manual Op Roller Shade:				
STA Window	444	SF	5.50	2,442
Elec Op Shade				
APP Window	180	SF	30.00	5,400
124800 MATS				
Entry mat -allow	1	EA	3,200.00	3,200

				11,042
DIVISION 13 - SPECIAL CONSTRUCTION		N/A		

				0
DIVISION 14 - CONVEYING EQUIPMENT		N/A		

				0
DIVISION 21 - FIRE SUPPRESSION				
210000 FIRE PROTECTION*				
Vertical Turbine Electric Fire Pump Package	1	LS	75,000.00	75,000
Storage Tank with Sitework				
Inspector's Test Connection	2	EA	1,400.00	2,800
4" BF Preventer	1	EA	6,450.00	6,450
Wet valve assembly and Alarm	1	LS	3,500.00	3,500
Dry valve assembly and Alarm	1	LS	3,500.00	3,500
Elec. bell	1	LS	1,500.00	1,500
5" - STORZ	1	EA	1,150.00	1,150
4" - Check Valve with Flow Switch	1	EA	1,550.00	1,550

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Tamper sw	2	EA	225.00	450
Fire Dept. Connection:				
2 1/2" w/cabinet	2	EA	1,850.00	3,700
Siamese FD Connection	1	EA	1,235.00	1,235
FCVA - 2" with Tamper switch,/Check Val/Tes	2	EA	2,958.00	5,916
Heads:				
Pendent head	96	EA	76.00	7,296
Institutional Pendent head	5	EA	125.00	625
Upright head	61	EA	71.00	4,331
Sidewall Head	8	EA	110.00	880
Attic Head	32	EA	95.00	3,040
Sprinkler Head and Valve Allowance	1	LS	5,000.00	5,000
Sch. 40:				
1" to 1 1/2" Branch	1,400	LF	28.00	39,200
Sch. 10:				
2"-4"	425	LF	40.00	17,000
4" Shut off	1	EA	1,025.00	1,025
Misc. Valve	1	LS	5,000.00	5,000
Attic Sprinkler Piping	10,000	SF	4.25	42,500
Underground Fire Prot. Service:				
6"	10	LF	110.00	1,100
Flushing of New System	1	LS	3,500.00	3,500
Hydraulic Calcs	1	LS	3,000.00	3,000
Coring and firesafing	1	LS	3,000.00	3,000
Coordination and BIM	1	LS	5,000.00	5,000
Supervision	1	LS	7,500.00	7,500

				255,748

DIVISION 22 - PLUMBING

220000 PLUMBING*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Fixtures :				
Water closet	8	EA	1,850.00	14,800
Wall hung lav	2	EA	1,320.00	2,640
Urinal	2	EA	1,475.00	2,950
Counter Lav	8	EA	985.00	7,880
Detention Fixture	2	EA	6,450.00	12,900
STD SHW receptor & enclosure	3	EA	2,500.00	7,500

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Mop Basin	2	EA	1,325.00	2,650
Laundry washer connection	4	EA	750.00	3,000
SCBA Sink	1	EA	2,250.00	2,250
Decon Sink	1	EA	2,250.00	2,250
Decon Wash-down SHW	1	EA	2,550.00	2,550
Water cooler	1	EA	2,300.00	2,300
Kitchen Sink w/ DW conn	1	EA	1,500.00	1,500
APP Sink	1	EA	1,500.00	1,500
Truck fill	1	EA	750.00	750
Bottle fill	1	EA	3,100.00	3,100
Eye wash	1	EA	2,300.00	2,300
Fixture connection	37	EA	300.00	11,100
Hose bib	4	EA	850.00	3,400
Wall Hydrant	4	EA	850.00	3,400
kitchen ice maker connection	1	LOC	400.00	400
Gas range connection	1	LOC	600.00	600
Extractor conn	1	LOC	450.00	450
Hot Water System:				
Hot water recirculation	1	EA	950.00	950
WH - 1 Gas water heater	1	LS	13,000.00	13,000
MV-1 Temp valve	1	EA	2,600.00	2,600
HW piping, valve and connection	1	LS	4,000.00	4,000
4" Boiler Flue	18	LF	55.00	990
4" HW Heater flue	18	LF	55.00	990
Garage Drainage:				
2" Under slab	87	LF	36.25	3,154
4" Under slab	95	LF	46.25	4,394
2"	297	LF	39.00	11,583
3"	351	LF	36.00	12,636
4"	4	LF	47.00	188
Floor cleanout	2	EA	600.00	1,200
Garage drain catch basin	8	EA	1,200.00	9,600
Sand & gas separator w/site conn	2	EA	7,500.00	15,000
Backflow preventer	2	LS	1,850.00	3,700
Trench drain	120	LF	85.00	10,200
Under slab Sanitary System:				
2"	65	LF	33.50	2,178
3"	36	LF	39.00	1,404
4"	265	LF	49.50	13,118
Floor Drain	10	EA	650.00	6,500
Above Ground D/W/V Pipe:				
2"	700	LF	34.00	23,800
4"	700	LF	48.00	33,600

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Domestic Piping:				
1 1/2"	150	LF	34.00	5,100
1"	900	LF	22.50	20,250
3/4"	1,100	LF	20.15	22,165
4"	25	LF	99.00	2,475
Water Hammer arrestors	1	LS	2,000.00	2,000
1" Pipe Insulation:				
1 1/2"	150	LF	8.00	1,200
1"	900	LF	7.50	6,750
3/4"	1,100	LF	7.40	8,140
4"	25	LF	11.90	298
2" RPBP - Truck fill	2	EA	1,200.00	2,400
Misc. Valves	1	LS	1,500.00	1,500
Gas Pipe:				
2"	50	LF	42.00	2,100
1"	135	LF	26.00	3,510
Boiler/HW Connection	2	EA	500.00	1,000
Misc. valves	1	LS	1,250.00	1,250
Gas meter/service	1	LS	2,000.00	2,000
Underground Water Service:				
Domestic	10	LF	115.00	1,150
Back flow preventer (mech)	1	EA	500.00	500
Service rough in and 4" BFP valve	1	EA	4,450.00	4,450
Air compressor	1	EA	7,500.00	7,500
1 1/2" Pipe	1,560	LF	28.00	43,680
3/4" Pipe	150	LF	19.00	2,850
1/2" Pipe	150	LF	17.00	2,550
P-10	4	EA	950.00	3,800
Test, Perm, Clean, Misc	1	LS	15,000.00	15,000

				430,571
DIVISION 23 - HVAC				
230000 HVAC*				
HVAC	18,700	SF	45.00	841,500

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Plymovent Exhaust System	3	BAYS	13,500.00	40,500

				882,000
260000 ELECTRICAL				
Lighting				
Building Electric	18,700	SF	45.00	841,500
150 kw Generator	1	EA	135,000.00	135,000
Site Power	1	LS	25,000.00	25,000
Site Lighting:				
Parking Pole	6	EA	2,650.00	15,900
Pole base anchor bolt setup	6	EA	60.35	362
Pole base grounding	6	EA	177.45	1,065
Pole base sleeves	6	EA	146.80	881
PVC-1"C-2#8 & 1#10	750	LF	3.85	2,888

				1,022,595
DIVISION 31 - EARTHWORK				
310000 EARTHWORK				
*Site- Asbestos is capped and present in soils				
Site:				
Site grading	10,377	SY	2.00	20,754
Site Cut (inc disposal)	1,500	CY	35.00	52,500
Site Fill	6,000	CY	22.00	132,000
Building:				
Structural Fill avg depth of 3'	1,200	CY	32.00	38,400
Perim foundation excavation (660 LF)	450	CY	11.00	4,950
Perim foundation backfill (660LF)	450	CY	11.00	4,950
Excavate under slab lines	1	LS	8,000.00	8,000

				261,554

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
311000 SITE CLEARING				
Allow:				
Erosion control - silt fence/Hay bale	1,500	LF	7.25	10,875
Catch basin filter	4	EA	75.00	300
Construction fence	1,200	LF	12.00	14,400
Construction entrance	1	LOC	3,000.00	3,000
Saw cut street @ entries	232	LF	6.00	1,392
Clear & grub	1	LS	20,000.00	20,000
Remove Bit Pavement	22,000	SF	1.00	22,000
Remove Baseball Field equipment	1	LS	7,500.00	7,500
Cut and Cap Utilitites	1	LS	3,000.00	3,000
Remove Utility line	800	LF	36.00	28,800
Remove Utility structure	4	EA	475.00	1,900
Strip & stack topsoil-6"	1,150	CY	8.00	9,200
Misc site prep	93,394	SF	0.10	9,339

				131,706
DIVISION 32 - EXTERIOR IMPROVEMENTS				
321000 BASES, BALLASTS AND PAVING				
Street patch @ entries	232	LF	25.00	5,800
Concrete apron @ OH 6'W	820	SF	9.75	7,995
Bituminous - drive (Hvy Duty)	4,274	SY	28.00	119,672
Conc walk site	2,265	SF	7.35	16,648
Pavement markings	1	LS	4,000.00	4,000
Site new granite curb straight	1,553	LF	41.50	64,450
Site new granite curb radius	354	LF	44.00	15,576
Street New Granite Curb		NIC		
Town sidewalk		NIC		
HC paver -allow	4	EA	290.00	1,160
12" Gravel base bit/conc drive	1,425	CY	30.00	42,750
8" Gravel base walk	86	CY	32.00	2,752

				280,802
323000 SITE IMPROVEMENTS				
Allow:				

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Bollards @ ext equip pad	8	EA	950.00	7,600
Bollards @ OH door	26	EA	950.00	24,700
Site sign		w/ div 10		
Parking / traffic signage	1	LS	2,500.00	2,500
Flagpole w/conc ftg	1	LS	8,500.00	8,500
Dumpster pad & enclosure		NIC		
Equipment enclosure		NIC		
Fence		NIC		
Site stair & retaining wall		NIC		
Memorial		NIC		
Traffic lights		NIC		
Misc site improvements	1	LS	10,000.00	10,000

				53,300
328000 IRRIGATION		NIC		

				0
329000 LANDSCAPING WORK				
Planting allowance	1	LS	30,000.00	30,000
Lawn:				
6" Loam - ammend and respread	630	CY	38.00	23,940
Rake seed and fertilize lawn	34,019	SF	0.35	11,907

				65,847
DIVISION 33 - UTILITIES				
330000 UTILITIES				
Electrical:				
Electric Ductbank	200	LF	75.00	15,000
Parking light pole conc base	6	EA	550.00	3,300
Trench parking light feeder	750	LF	14.00	10,500
Drainage - Storm Water Retention:				

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Catch Basin	6	EA	3,650.00	21,900
Drain Manhole	6	EA	3,650.00	21,900
Slot Drain	92	LF	225.00	20,700
Flared end outlfall	2	EA	4,500.00	9,000
Drain Line	1,500	LF	72.00	108,000
6" Perf Underdrain	312	LF	59.00	18,408
Outlet Control Structure	1	EA	9,200.00	9,200
Rain Leader boot	13	EA	1,200.00	15,600
Gas and Oil seperator		w/ plumbing		
2,500 gal Tight tank	2	EA	15,000.00	30,000
Fire Water Storage tank, pad & site piping				
40,000 gal. Cistern Holding tank	1	EA	120,000.00	120,000
Site Well	1	LS	25,000.00	25,000
8" Fire Service	150	LF	86.00	12,900
4" Domestic	50	LF	68.00	3,400
Sanitary - On Site Septic System:				
Leaching field (excludes reserve)	7,500	SF	21.00	157,500
4" Main	250	LF	45.00	11,250
Distribution box and Manifold	1	LS	11,500.00	11,500
Septic tank (4,000 gal)	1	EA	7,200.00	7,200
Septic tank (2,000 gal)	1	EA	6,500.00	6,500
Gas :				
Gas meter pad	1	EA	750.00	750
Trench excavation & backfill	200	LF	65.00	13,000
Gas Service		By Plumber		

				652,508

PROJECT:	Princeton Public Safe Building	NO. OF SQ. FT.:	15,500
LOCATION:	Princeton, MA	COST PER SQ. FT.:	470.77
CLIENT:	Caolo & Bieniek Asssociates, Inc.	*GSF Excludes mezzanine 1,200 GSF	
DATE:	11-Jan-21		

No. 19072

OPTION B

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
DIVISION 02 - EXISTING CONDITIONS			
022820 HAZARDOUS MATERIAL REMEDIATION	0	0%	0.00
024116 DEMOLITION	0	0%	0.00
DIVISION 03 - CONCRETE			
033000 CAST IN PLACE CONCRETE	305,616	4%	19.72
DIVISION 04 - MASONRY			
042000 UNIT MASONRY*	358,529	5%	23.13
DIVISION 05 - METALS			
051200 STRUCTURAL STEEL	61,500	1%	3.97
053000 METAL DECKING	0	0%	0.00
054100 EXTERIOR METAL FRAMING & SHEATHING	0	0%	0.00
055000 METAL FABRICATIONS	115,915	2%	7.48
DIVISION 06 - WOOD, PLASTICS & COMPOSITES			
061000 ROUGH CARPENTRY	524,661	7%	33.85
062000 FINISH CARPENTRY	65,746	1%	4.24
DIVISION 07 - THERMAL & MOISTURE PROTECTION			
071001 DAMPPROOF., WATERPROOF. & SEALANT*	253,291	3%	16.34
070002 ROOFING & FLASHING*	198,760	3%	12.82
072100 THERMAL INSULATION	231,247	3%	14.92
074213 EXT SIDING & TRIM	215,022	3%	13.87
078400 FIRESTOPPING	2,000	0%	0.13
DIVISION 08 - OPENINGS			
080008 GLASS AND GLAZING*	28,650	0%	1.85
082500 DOOR OPENING ASSEMBLIES	81,920	1%	5.29
083100 ACCESS DOORS AND PANELS	4,500	0%	0.29
083613 SECTIONAL OVERHEAD DOORS	102,600	1%	6.62
085414 WINDOWS	54,560	1%	3.52
087100 DOOR HARDWARE	0	0%	0.00
089000 ARCHITECTURAL LOUVERS & VENTS	1,100	0%	0.07

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
DIVISION 09 - FINISHES			
090003 TILING, CERAMIC & STONE *	65,859	1%	4.25
090006 RESILIENT FLOORING*	55,726	1%	3.60
090009 PAINTING*	113,134	2%	7.30
092900 GYPSUM WALLBOARD ASSEMBLIES	412,444	6%	26.61
095100 ACOUSTICAL CEILING SYSTEMS*	29,738	0%	1.92
096723 SEAMLESS EPOXY FLOORING	10,656	0%	0.69
096810 CARPET TILE	4,605	0%	0.30
DIVISION 10 - SPECIALTIES			
101100 VISUAL DISPLAY SURFACES	2,500	0%	0.16
101400 SIGNAGE	20,950	0%	1.35
102800 TOILET ACCESSORIES	17,130	0%	1.11
104400 SAFETY SPECIALTIES	4,200	0%	0.27
109000 MISC. SPECIALTIES	128,100	2%	8.26
DIVISION 11 - EQUIPMENT			
119000 MISC. EQUIPMENT	95,900	1%	6.19
DIVISION 12 - FURNISHINGS			
122400 INTERIOR ROLLER SHADES	11,042	0%	0.71
DIVISION 13 - SPECIAL CONSTRUCTION			
DIVISION 13 - SPECIAL CONSTRUCTION	0	0%	0.00
DIVISION 14 - CONVEYING EQUIPMENT			
142000 ELEVATOR*	0	0%	0.00
DIVISION 21 - FIRE SUPPRESSION			
210000 FIRE PROTECTION*	255,748	4%	16.50
DIVISION 22 - PLUMBING			
220000 PLUMBING*	401,266	5%	25.89
DIVISION 23 - HVAC			
230000 HVAC*	740,070	10%	47.75
DIVISION 26 - ELECTRICAL			
260000 ELECTRICAL	880,665	12%	56.82
DIVISION 31 - EARTHWORK			
310000 EARTHWORK	257,454	4%	16.61
311000 SITE CLEARING	131,706	2%	8.50

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
DIVISION 32 - EXTERIOR IMPROVEMENTS			
321000 PAVING SIDEWALKS AND CURBING	280,802	4%	18.12
323000 SITE IMPROVEMENTS	53,300	1%	3.44
328000 IRRIGATION	0	0%	0.00
329000 LANDSCAPING WORK	65,847	1%	4.25
DIVISION 33 - UTILITIES			
330000 UTILITIES	652,508	9%	42.10

DIRECT COST	7,296,965	100%	470.77

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 02 - EXISTING CONDITIONS				
022820 HAZARDOUS MATERIAL REMEDIATIONSEE GRAND SUMMARY				

				0
024116 DEMOLITION		N/A		

				0
DIVISION 03 - CONCRETE				
033000 CAST IN PLACE CONCRETE				
Ext Wall Footing (2'-6" x 1' -601 lf):				
3,500 psi, NW, (incl. placement)	56	CY	195.00	10,920
Formwork	1,202	SFCA	6.50	7,813
Rebar	2,800	LBS	1.18	3,304
**unit cost $393.52*				
Ext Frost Wall (16" x 4'H x 595 lf):				
3,500 psi, NW, (incl. placement)	117	CY	205.00	23,985
Formwork	4,760	SFCA	13.00	61,880
Reinforcing steel	17,550	LBS	1.18	20,709
**unit cost $910.89*				
Allow:				
Pier/Pilaster	10	CY	950.00	9,500
4" Slab on Grade -STA :				
3,500 psi, NW, (incl. placement)	130	CY	210.00	27,300
6x6 W2.9 X W2.9	10,472	SF	1.48	15,499
Barrier One Admix		NIC		
Control Joint	698	LF	3.80	2,653
Trowel Finish	10,472	SF	2.05	21,468
Slab vapor barrier 15 mil - 100%	10,472	SF	0.85	8,901
*unit cost $7.24				
8" Slab on grade - apparatus bays:				
3,500 psi, NW, (incl. placement)	123	CY	210.00	25,830

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
6x6 W2.9 X W2.9 -top	4,984	SF	1.48	7,376
Reinforcing steel - 1.4 lbs/sf	6,978	LBS	1.18	8,234
Control Joint	332	LF	3.80	1,263
Trowel Finish	4,984	SF	2.05	10,217
Slab vapor barrier 15 mil - 100%	4,984	SF	0.85	4,236
*unit cost $11.47				
Form trench drain	90	LF	38.00	3,420
CMU Footing	45	CY	285.00	12,825
Metal pan conc stair fill & sealant:				
APP Mezz 1st - 2nd	1	FLT	2,300.00	2,300
Conc slab sealer w/ Hardener:				
App & support rm	4,984	SF	1.55	7,725
Mech and Sallyport	1,538	SF	1.55	2,384
Int. mech equip pads	1	LS	4,000.00	4,000
Canopy pier - 4'D	3	EA	625.00	1,875
Ext. apron slab	w/Site Paving			

				305,616

DIVISION 04 - MASONRY

042000 UNIT MASONRY*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
8" CMU Exterior Wall :				
Apparatus Rm	2,390	SF	32.00	76,480
Gable Ends	3,138	SF	32.00	100,416
Exterior:				
Stone Watertable Veneer	245	SF	65.00	15,925
Interior:				
8" CMU Appartus - 10'	2,508	SF	28.00	70,224
8" CMU - Detention 14'	2,388	SF	32.00	76,416
8"CMU Garage	681	SF	28.00	19,068

				358,529

DIVISION 05 - METALS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
051200 STRUCTURAL STEEL				
Apparatus Bay steel Frame (6 lbs/sf @5,000 sf)	15	TONS	4,100.00	61,500

				61,500
055000 METAL FABRICATIONS				
Metal Pan Stair & Rails:				
APP Mezz 1st - 2nd	1	FLT	27,500.00	27,500
Storage mezz rail	68	LF	200.00	13,600
OH door frames surround- plate	8	EA	2,500.00	20,000
Slab edge angle @ OH	104	LF	48.00	4,992
Angle clip @ CMU partitions	120	EA	135.00	16,200
Loose lintels	64	LF	36.00	2,304
Decon stainless steel surf ctr/table	10	LF	400.00	4,000
SS surround @ Decon shower	1	EA	4,000.00	4,000
Misc. bldg. metals	15,546	GSF	1.50	23,319

				115,915
DIVISION 06 - WOOD, PLASTICS & COMPOSITES				
061000 ROUGH CARPENTRY				
Exterior Wall:				
2" x 6" Ext Wall	5,113	SF	5.25	26,843
Strap CMU Back-up	10,641	SF	2.35	25,006
3/4" Plywood	10,641	SF	2.15	22,878
Dormer:				
Dormer Frame	800	SF	8.50	6,800
Dormer Roof	672	SF	12.00	8,064
Dormer Eave Frame	234	LF	6.50	1,521
Mezzanine Floor :				
11 7/8" tji 16" oc	1,200	SF	18.00	21,600
3/4" t&g subfloor	1,200	SF	3.00	3,600
WD Sloped Roof Framing & Ply Decking:				
Sloped roof framing	19,000	SF	16.00	304,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Sloped over roof framing	1,500	SF	9.00	13,500
Sloped roof deck 5/8" ply	19,000	SF	2.90	55,100
Fascia w/ soffit frame & BLK	462	LF	20.00	9,240
Rake w/soffit frame & BLK	302	LF	20.00	6,040
13'H Covered entry post	3	EA	250.00	750
Ext ceiling frame (1 loc)	466	SF	6.50	3,029
Ext wall -Blk perim wind, dr & louver	930	LF	4.65	4,325
Interior blocking	15,456	GSF	0.30	4,637
Misc. rough carpentry	15,456	GSF	0.50	7,728

				524,661

062000 FINISH CARPENTRY

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Running Trim:				
PVC Window sill/apron	74	LF	40.00	2,960
Misc. STA Interior Wd Trim	15,546	GSF	1.00	15,546
Casework:				
Kitchen:				
25" Typ Solid Surface Counter	9	LF	225.00	2,025
Base cab (nic ctr)	9	LF	250.00	2,250
Wall cab	9	LF	210.00	1,890
Administration:				
FD Chief/Deputy - PL Counter	19	LF	225.00	4,275
FD Chief/Deputy - Shelving	19	LF	45.00	855
FD Admin - PL Counter	17	LF	225.00	3,825
FD Admin - Shelving	17	LF	45.00	765
PD Admin - PL Counter	22	LF	225.00	4,950
PD Admin - Shelving	22	LF	45.00	990
PD Patrol/report - PL Counter	32	LF	225.00	7,200
PD Patrol/Report - Shelving	20	LF	45.00	900
Copy Base and Counter	8	LF	375.00	3,000
Copy Wall Cabinet	8	LF	210.00	1,680
Booking:				
Stainless steel Countertop	11	LF	325.00	3,575
Base cab (NIC ctr)	11	LF	350.00	3,850
Misc Casework - Allowance:				
Solid surface bathroom counter	14	LF	265.00	3,710
Lobby/ office service ctr	5	LF	300.00	1,500
Lobby display case		NIC		

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Training room		NIC		
Decon stainless steel surf ctr/table		W/Misc Metals		
App Equip storage shelving		NIC		
STA Storage closet shelving		NIC		
*Training room desk, podium , dorm and office furniture - NIC				

				65,746

DIVISION 07 - THERMAL & MOISTURE PROTECTION

071001 DAMPPROOF., WATERPROOF. & SEALANT*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
*Continuous Air & Vapor Barrier				
Foundation		NIC		
Slab on grade		w/ concrete		
Exterior Wall	10,461	SF	7.50	78,458
Ext wall air & vapor barrier - perim open	930	LF	7.25	6,743
Sloped Roof	19,000	SF	7.50	142,500
Found. Dampproofing	2,380	SF	2.00	4,760
Ext wind, dr & louver sealant	930	LF	9.50	8,835
Misc. exterior sealants	1	LS	5,000.00	5,000
Int joint sealants	15,546	GSF	0.45	6,996

				253,291

070002 ROOFING & FLASHING*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Sloped Roof System:				
Asphalt fiberglass shingle	19,000	SF	6.75	128,250
Ridge vent	318	LF	18.00	5,724
Ice & water - eave and valley	6,200	SF	3.70	22,940
Gutter	462	LF	48.00	22,176
Downspout	230	LF	39.00	8,970
Snow guard	100	LF	45.00	4,500
Dormer Flashing	3	EA	400.00	1,200
Misc sloped roof flashing	1	LS	5,000.00	5,000

				198,760

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
072100 THERMAL INSULATION				
2" Rigid slab insul. 2' @ perim GF	1,190	SF	3.50	4,165
2" Rigid found insul.- 4' int wall	2,380	SF	2.65	6,307
4" rock wool ext wall insul	10,461	SF	3.85	40,275
Spray fireproofing		NIC		
6" Vented Sloped Roof insul & nail base	19,000	SF	9.50	180,500
Flat Roof insul		W /ROOFING		

				231,247
074213 EXT SIDING & TRIM				
Prefinished Siding:				
Hardi plank siding	8,823	SF	15.00	132,345
Vertical board & batten siding	65	SF	22.00	1,430
Air Cavity Clips	8,823	SF	1.50	13,235
PCV Trim:				
Sill trim	360	LF	13.75	4,950
OH Dr trim (7 EA)	309	LF	11.50	3,554
Corner board	364	LF	9.75	3,549
Fascia and Soffit	462	LF	18.75	8,663
Rake and Soffit brd	302	LF	22.00	6,644
Dr trim	181	LF	12.00	2,172
Decorative Window head	86	LF	32.00	2,752
Window trim	355	LF	11.00	3,905
Clad post - 13'H	3	EA	650.00	1,950
Ceiling panel	466	SF	15.00	6,990
Window Shutter	14	PR	95.00	1,330
Dormer Trim:				
Corner Board	163	LF	12.00	1,956
Fascia and soffit	151	LF	20.00	3,020
Rake and Soffit	83	LF	22.00	1,826
Window Trim	119	LF	8.00	952
Siding	690	SF	20.00	13,800

				215,022

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
078400 FIRESTOPPING				
Fire stopping	1	LS	2,000.00	2,000

				2,000
DIVISION 08 - OPENINGS				
080008 GLASS AND GLAZING*				
7' Ext. Alum. Door, Frame, Hdw, Glass & Glazing:				
Main Entry - dbl	1	PR	8,000.00	8,000
Vestibule - dbl	1	PR	7,700.00	7,700
Alum Door Transom	16	SF	100.00	1,600
Int. Alum. Storefront Frame, Glass & Glazing:				
Allowance	50	SF	97.00	4,850
Allow:				
Main Entrance -Auto opener	1	EA	6,500.00	6,500

				28,650
082500 DOOR OPENING ASSEMBLIES				
7'h Fiberglass Exterior Frame, Door, Glass, Glazing & HDW:				
Mech rm- sgl	1	EA	1,150.00	1,150
Bldg Maintance - dbl	1	EA	2,100.00	2,100
Sallyport rm - sgl	2	EA	1,400.00	2,800
Training rm - sgl	1	EA	1,600.00	1,600
Apparatus - sgl	3	EA	1,400.00	4,200
7'h Interior APP Support HM Frame, Door, Glass, Glazing & HDW:				
Apparatus - sgl	6	EA	1,400.00	8,400
Detention - sgl	4	EA	2,200.00	8,800
Police Entry - sgl	2	EA	2,200.00	4,400
Mech/elec - sgl	2	EA	1,025.00	2,050
7'h Interior STA HM Frame, Door, Glass, Glazing & HDW:				
Lobby Corridor- sgl	1	EA	2,000.00	2,000
Kitchen / Dayroom - sgl	1	EA	1,500.00	1,500
Training rm - sgl	1	EA	1,500.00	1,500
Admin/General - sgl	22	EA	1,500.00	33,000
Sgl user toilet rm	1	EA	1,100.00	1,100

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Storage - sgl	2	EA	1,050.00	2,100
Interior HM Frames, Glass & Glazing:				
Allow- Lobby sliding window (1EA)	12	SF	87.00	1,044
Admin window (3 EA)	36	SF	87.00	3,132
Kitchen / Dayroom sidelight (1 EA)	12	SF	87.00	1,044

				81,920

083100 ACCESS DOORS AND PANELS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Access panels -allow	10	EA	450.00	4,500

				4,500

083613 SECTIONAL OVERHEAD DOORS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
O.H. Door (Elec. Op):				
Glazed 14 x 14	6	EA	14,500.00	87,000
Steel 10 x 10	2	EA	7,800.00	15,600

				102,600

085414 WINDOWS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Alum Clad Wood Window	620	SF	88.00	54,560

				54,560

087100 DOOR HARDWARE

*Finish Hardware, Card access system, auto openers, OH doors and alum entry hardware are included with Unit cos

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DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
089000 ARCHITECTURAL LOUVERS & VENTS				
Alum louver - allow	10	SF	110.00	1,100

				1,100
DIVISION 09 - FINISHES				
090003 TILING, CERAMIC & STONE *				
Staff Sgl User Toilet Room (1 EA):				
Typ Ceramic floor tile	60	SF	30.00	1,800
Ceramic wall base	28	LF	10.00	280
SGL Marble threshold	1	EA	95.00	95
3'H Ceramic wall tile	84	SF	28.00	2,352
Locker Room Toilet /SHW Room (2 EA):				
Ceramic floor tile	487	SF	30.00	14,610
Ceramic wall base	222	LF	10.00	2,220
SGL Marble threshold	2	EA	95.00	190
7'H Ceramic wall tile	1,554	SF	28.00	43,512
Kitchen backslpash	20	SF	40.00	800

				65,859
090006 RESILIENT FLOORING*				
LVT:				
Day Rm / Kitchen	231	SF	6.50	1,502
Corridor	960	SF	6.50	6,240
Bunk Rm	306	SF	6.50	1,989
Administration	2,448	SF	6.50	15,912
Athletic Flooring:				
Fitness Room	848	SF	16.00	13,568
Rubber Flooring:				
Locker Room	702	SF	15.00	10,530
Rubber wall base	2,100	LF	2.85	5,985

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL

				55,726
090009 PAINTING*				
Int. painting	15,546	GSF	4.25	66,071
*Excludes attic painting				
Exterior Painting (2) Coat field painted:				
Siding (2 coat)	9,578	SF	2.90	27,776
PVC trim	3,950	SF	4.25	16,788
Misc. exterior painting	1	LS	2,500.00	2,500

				113,134
092900 GYPSUM WALLBOARD ASSEMBLIES				
Furr and Gyp at CMU - allow	4,500	SF	9.00	40,500
Partitions -Allow:				
Typical	13,382	SF	10.50	140,511
Chase GWB - one side	500	SF	10.00	5,000
Ceiling:				
Typ gyp ceiling - allow	2,500	SF	12.00	30,000
2 Hr. gyp ceiling	1,538	SF	15.00	23,070
MR gyp ceiling -toilet rm	800	SF	12.00	9,600
MR gyp ceiling -mezzanine	1,149	SF	12.00	13,788
MR gyp ceiling -Apparatus	4,984	SF	12.00	59,808
1 lyr Fir tap at Roof truss	15,546	SF	4.80	74,621
Misc GWB assemblies	15,546	GSF	1.00	15,546
*GWB includes sound attenuation, tape and joint compound finish				

				412,444
095100 ACOUSTICAL CEILING SYSTEMS*				
ACT - 2x2 75%	4,575	SF	6.50	29,738

				29,738

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
096723 SEAMLESS EPOXY FLOORING				
Booking and Cell	592	SF	18.00	10,656

				10,656
096810 CARPET TILE				
Carpet Tile:				
EOC Training	921	SF	5.00	4,605

				4,605
DIVISION 10 - SPECIALTIES				
101100 VISUAL DISPLAY SURFACES				
Bulletin bd w/ pamphlet rack-lobby	1	EA	1,000.00	1,000
White board -training rm	2	EA	750.00	1,500

				2,500
101400 SIGNAGE				
Interior door signage	42	EA	125.00	5,250
Dedication plaque	1	EA	3,200.00	3,200
Ext. bld mtd sign	1	LOC	2,500.00	2,500
Site sign	1	EA	10,000.00	10,000

				20,950
102800 TOILET ACCESSORIES				
Toilet Partition:				
HC Stall	2	EA	1,650.00	3,300
Reg Stall	2	EA	1,410.00	2,820
Furnish & Install:				
Paper towel dispenser/disposal	3	EA	225.00	675

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Toilet tissue dispenser	5	EA	35.00	175
Toilet grab bars	6	EA	75.00	450
Soap dispenser	5	EA	45.00	225
Framed mirror	75	SF	75.00	5,625
STD shower accessories	7	EA	500.00	3,500
Coat hook	4	EA	15.00	60
SS Mop sink splash	1	EA	200.00	200
Janitor accessories	1	RM	100.00	100

				17,130
104400 SAFETY SPECIALTIES				
Allow:				
Fire extinguishers & cab	6	EA	450.00	2,700
Fire extinguishers & bracket	2	EA	275.00	550
AED cab	1	EA	950.00	950

				4,200
109000 MISC. SPECIALTIES				
Built-in mail box	1	LS	3,000.00	3,000
Dorm wardrobe locker	9	EA	2,200.00	19,800
Misc specialties	1	LS	3,000.00	3,000
105000 STORAGE SPECIALTIES				
Police locker rm w/ attached bench -36"	26	EA	2,000.00	52,000
Police locker	20	EA	1,750.00	35,000
Dispatch rm 18" x 24" x 84"	1	EA	300.00	300
Detention locker dbl tier 12"x24"x96"	2	EA	1,500.00	3,000
Garage gear storage unit 36"		W / FF & E		
Pass thru evidence lockers	2	EA	2,500.00	5,000
Refrigerated pass thru evidence lockers	1	EA	5,000.00	5,000
Lobby package receiver	1	EA	2,000.00	2,000

				128,100

DIVISION 11 - EQUIPMENT

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
119000 MISC. EQUIPMENT				
Kitchen/Day Room Appliance :				
Refrigerator w/ icemaker	1	EA	3,000.00	3,000
42" Range	1	EA	4,000.00	4,000
42" SS range hood	1	EA	850.00	850
Dishwasher	1	EA	1,500.00	1,500
Disposal	1	EA	300.00	300
Laundry Closet Appliance :				
Washer	1	EA	1,500.00	1,500
Dryer	1	EA	1,500.00	1,500
Training rm:				
Motor op projection screen	1	EA	6,500.00	6,500
Projection mount	1	EA	450.00	450
AV equipment		NIC		
Firematic App. Room Equipment :				
Extractor	1	EA	5,000.00	5,000
Dehydrator	1	EA	5,000.00	5,000
Turn out gear grid locker	22	EA	1,875.00	41,250
Tower hose storage & drying racks		NIC		
SCBA equipment		NIC		
Work rm equipment		NIC		
Detention Equipment-Allow:				
Swinging Intake rm cell dr. assembly		W/082500		
Swinging cell dr. assembly	2	EA	10,900.00	21,800
Window - Intake/booking		N/A		
Stainless sty deal tray - lobby	1	EA	1,500.00	1,500
Weapons discharge station (119700)	1	EA	950.00	950
Pistol locker (105000)	1	EA	800.00	800

				95,900
DIVISION 12 - FURNISHINGS				
122400 INTERIOR ROLLER SHADES				
Manual Op Roller Shade:				
STA Window	444	SF	5.50	2,442
Elec Op Shade				

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
APP Window	180	SF	30.00	5,400
124800 MATS				
Entry mat -allow	1	EA	3,200.00	3,200

				11,042
DIVISION 13 - SPECIAL CONSTRUCTION		N/A		

				0
DIVISION 14 - CONVEYING EQUIPMENT		N/A		

				0
DIVISION 21 - FIRE SUPPRESSION				
210000 FIRE PROTECTION*				
Vertical Turbine Electric Fire Pump Package	1	LS	75,000.00	75,000
Storage Tank with Sitework				
Inspector's Test Connection	2	EA	1,400.00	2,800
4" BF Preventer	1	EA	6,450.00	6,450
Wet valve assembly and Alarm	1	LS	3,500.00	3,500
Dry valve assembly and Alarm	1	LS	3,500.00	3,500
Elec. bell	1	LS	1,500.00	1,500
5" - STORZ	1	EA	1,150.00	1,150
4" - Check Valve with Flow Switch	1	EA	1,550.00	1,550
Tamper sw	2	EA	225.00	450
Fire Dept. Connection:				
2 1/2" w/cabinet	2	EA	1,850.00	3,700
Siamese FD Connection	1	EA	1,235.00	1,235
FCVA - 2" with Tamper switch,/Check Val/Tes	2	EA	2,958.00	5,916

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Heads:				
Pendent head	96	EA	76.00	7,296
Institutional Pendent head	5	EA	125.00	625
Upright head	61	EA	71.00	4,331
Sidewall Head	8	EA	110.00	880
Attic Head	32	EA	95.00	3,040
Sprinkler Head and Valve Allowance	1	LS	5,000.00	5,000
Sch. 40:				
1" to 1 1/2" Branch	1,400	LF	28.00	39,200
Sch. 10:				
2"-4"	425	LF	40.00	17,000
4" Shut off	1	EA	1,025.00	1,025
Misc. Valve	1	LS	5,000.00	5,000
Attic Sprinkler Piping	10,000	SF	4.25	42,500
Underground Fire Prot. Service:				
6"	10	LF	110.00	1,100
Flushing of New System	1	LS	3,500.00	3,500
Hydraulic Calcs	1	LS	3,000.00	3,000
Coring and firesafing	1	LS	3,000.00	3,000
Coordination and BIM	1	LS	5,000.00	5,000
Supervision	1	LS	7,500.00	7,500

				255,748

DIVISION 22 - PLUMBING

220000 PLUMBING*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Fixtures :				
Water closet	5	EA	1,850.00	9,250
Wall hung lav	1	EA	1,320.00	1,320
Counter Lav	6	EA	985.00	5,910
Detention Fixture	2	EA	6,450.00	12,900
STD SHW receptor & enclosure	7	EA	2,500.00	17,500
Mop Basin	1	EA	1,325.00	1,325
Laundry washer connection	4	EA	750.00	3,000
SCBA Sink	1	EA	2,250.00	2,250
Decon Sink	1	EA	2,250.00	2,250
Decon Wash-down SHW	1	EA	2,550.00	2,550
Water cooler	1	EA	2,300.00	2,300
Kitchen Sink w/ DW conn	1	EA	1,500.00	1,500
APP Sink	1	EA	1,500.00	1,500
Truck fill	1	EA	750.00	750

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Bottle fill	1	EA	3,100.00	3,100
Eye wash	1	EA	2,300.00	2,300
Fixture connection	30	EA	300.00	9,000
Hose bib	4	EA	850.00	3,400
Wall Hydrant	4	EA	850.00	3,400
kitchen ice maker connection	1	LOC	400.00	400
Gas range connection	1	LOC	600.00	600
Extractor conn	1	LOC	450.00	450
Hot Water System:				
Hot water recirculation	1	EA	950.00	950
WH - 1 Gas water heater	1	LS	13,000.00	13,000
MV-1 Temp valve	1	EA	2,600.00	2,600
HW piping, valve and connection	1	LS	4,000.00	4,000
4" Boiler Flue	18	LF	55.00	990
4" HW Heater flue	18	LF	55.00	990
Garage Drainage:				
2" Under slab	87	LF	36.25	3,154
4" Under slab	65	LF	46.25	3,006
2"	297	LF	39.00	11,583
3"	351	LF	36.00	12,636
4"	4	LF	47.00	188
Floor cleanout	2	EA	600.00	1,200
Garage drain catch basin	6	EA	1,200.00	7,200
Sand & gas separator w/site conn	2	EA	7,500.00	15,000
Backflow preventer	2	LS	1,850.00	3,700
Trench drain	80	LF	85.00	6,800
Under slab Sanitary System:				
2"	65	LF	33.50	2,178
3"	36	LF	39.00	1,404
4"	211	LF	49.50	10,445
Floor Drain	10	EA	650.00	6,500
Above Ground D/W/V Pipe:				
2"	600	LF	34.00	20,400
4"	600	LF	48.00	28,800
Domestic Piping:				
1 1/2"	150	LF	34.00	5,100
1"	900	LF	22.50	20,250
3/4"	900	LF	20.15	18,135
4"	25	LF	99.00	2,475
Water Hammer arrestors	1	LS	2,000.00	2,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
1" Pipe Insulation:				
1 1/2"	150	LF	8.00	1,200
1"	900	LF	7.50	6,750
3/4"	900	LF	7.40	6,660
4"	25	LF	11.90	298
2" RPBP - Truck fill	2	EA	1,200.00	2,400
Misc. Valves	1	LS	1,500.00	1,500
Gas Pipe:				
2"	50	LF	42.00	2,100
1"	115	LF	26.00	2,990
Boiler/HW Connection	2	EA	500.00	1,000
Misc. valves	1	LS	1,250.00	1,250
Gas meter/service	1	LS	2,000.00	2,000
Underground Water Service:				
Domestic	10	LF	115.00	1,150
Back flow preventer (mech)	1	EA	500.00	500
Service rough in and 4" BFP valve	1	EA	4,450.00	4,450
Air compressor	1	EA	7,500.00	7,500
1 1/2" Pipe	1,560	LF	28.00	43,680
3/4" Pipe	150	LF	19.00	2,850
1/2" Pipe	150	LF	17.00	2,550
P-10	4	EA	950.00	3,800
Test, Perm, Clean, Misc	1	LS	15,000.00	15,000

				401,266

DIVISION 23 - HVAC

230000 HVAC*

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
HVAC	15,546	SF	45.00	699,570
Plymovent Exhaust System	3	BAYS	13,500.00	40,500

				740,070

260000 ELECTRICAL

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Lighting				
Building Electric	15,546	SF	45.00	699,570
150 kw Generator	1	EA	135,000.00	135,000
Site Power	1	LS	25,000.00	25,000
Site Lighting:				
Parking Pole	6	EA	2,650.00	15,900
Pole base anchor bolt setup	6	EA	60.35	362
Pole base grounding	6	EA	177.45	1,065
Pole base sleeves	6	EA	146.80	881
PVC-1"C-2#8 & 1#10	750	LF	3.85	2,888

				880,665

DIVISION 31 - EARTHWORK

310000 EARTHWORK

*Site- Asbestos is capped and present in soils

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Site:				
Site grading	10,377	SY	2.00	20,754
Site Cut (inc disposal)	1,500	CY	35.00	52,500
Site Fill	6,000	CY	22.00	132,000
Building:				
Structural Fill avg depth of 3'	1,200	CY	32.00	38,400
Perim foundation excavation (600 LF)	400	CY	11.00	4,400
Perim foundation backfill (600LF)	400	CY	11.00	4,400
Excavate under slab lines	1	LS	5,000.00	5,000

				257,454

311000 SITE CLEARING

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Allow:				
Erosion control - silt fence/Hay bale	1,500	LF	7.25	10,875
Catch basin filter	4	EA	75.00	300
Construction fence	1,200	LF	12.00	14,400
Construction entrance	1	LOC	3,000.00	3,000
Saw cut street @ entries	232	LF	6.00	1,392

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Clear & grub	1	LS	20,000.00	20,000
Remove Bit Pavement	22,000	SF	1.00	22,000
Remove Baseball Field equipment	1	LS	7,500.00	7,500
Cut and Cap Utilitites	1	LS	3,000.00	3,000
Remove Utility line	800	LF	36.00	28,800
Remove Utility structure	4	EA	475.00	1,900
Strip & stack topsoil-6"	1,150	CY	8.00	9,200
Misc site prep	93,394	SF	0.10	9,339

				131,706

DIVISION 32 - EXTERIOR IMPROVEMENTS

321000 BASES, BALLASTS AND PAVING

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Street patch @ entries	232	LF	25.00	5,800
Concrete apron @ OH 6'W	820	SF	9.75	7,995
Bituminous - drive (Hvy Duty)	4,274	SY	28.00	119,672
Conc walk site	2,265	SF	7.35	16,648
Pavement markings	1	LS	4,000.00	4,000
Site new granite curb straight	1,553	LF	41.50	64,450
Site new granite curb radius	354	LF	44.00	15,576
Street New Granite Curb		NIC		
Town sidewalk		NIC		
HC paver -allow	4	EA	290.00	1,160
12" Gravel base bit/conc drive	1,425	CY	30.00	42,750
8" Gravel base walk	86	CY	32.00	2,752

				280,802

323000 SITE IMPROVEMENTS

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Allow:				
Bollards @ ext equip pad	8	EA	950.00	7,600
Bollards @ OH door	26	EA	950.00	24,700
Site sign		w/ div 10		
Parking / traffic signage	1	LS	2,500.00	2,500
Flagpole w/conc ftg	1	LS	8,500.00	8,500
Dumpster pad & enclosure		NIC		
Equipment enclosure		NIC		
Fence		NIC		
Site stair & retaining wall		NIC		

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Memorial		NIC		
Traffic lights		NIC		
Misc site improvements	1	LS	10,000.00	10,000

				53,300
328000 IRRIGATION		NIC		

				0
329000 LANDSCAPING WORK				
Planting allowance	1	LS	30,000.00	30,000
Lawn:				
6" Loam - ammend and respread	630	CY	38.00	23,940
Rake seed and fertilize lawn	34,019	SF	0.35	11,907

				65,847
DIVISION 33 - UTILITIES				
330000 UTILITIES				
Electrical:				
Electric Ductbank	200	LF	75.00	15,000
Parking light pole conc base	6	EA	550.00	3,300
Trench parking light feeder	750	LF	14.00	10,500
Drainage - Storm Water Retention:				
Catch Basin	6	EA	3,650.00	21,900
Drain Manhole	6	EA	3,650.00	21,900
Slot Drain	92	LF	225.00	20,700
Flared end outlfall	2	EA	4,500.00	9,000
Drain Line	1,500	LF	72.00	108,000
6" Perf Underdrain	312	LF	59.00	18,408
Outlet Control Structure	1	EA	9,200.00	9,200
Rain Leader boot	13	EA	1,200.00	15,600
Gas and Oil seperator		w/ plumbing		

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
2,500 gal Tight tank	2	EA	15,000.00	30,000
Fire Water Storage tank, pad & site piping				
40,000 gal. Cistern Holding tank	1	EA	120,000.00	120,000
Site Well	1	LS	25,000.00	25,000
8" Fire Service	150	LF	86.00	12,900
4" Domestic	50	LF	68.00	3,400
Sanitary - On Site Septic System:				
Leaching field (excludes reserve)	7,500	SF	21.00	157,500
4" Main	250	LF	45.00	11,250
Distribution box and Manifold	1	LS	11,500.00	11,500
Septic tank (4,000 gal)	1	EA	7,200.00	7,200
Septic tank (2,000 gal)	1	EA	6,500.00	6,500
Gas :				
Gas meter pad	1	EA	750.00	750
Trench excavation & backfill	200	LF	65.00	13,000
Gas Service		By Plumber		

				652,508